

Flight Summary MACPEX 13 APR 2011

General Information

Flight date- 13 APR 2011

Flight duration – 5.4 hours

Crew – RKE/DOM

Instruments flown: 2DS, ALIAS, CPI, CIMS, CLH, DLH, FCAS, FCDP, FISH ,
HARWV, HARHAL, HVPS, JLH, MMS, O3, O3LITE, PALMS, SID3, ULH, SP2,
VIPS

1208	Takeoff	1732	Land
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Flight Log

Engine

Start 1152

Data Rec	1156	Begin	1635	Landing	1732
On		Descent			

Gear extension/retractions

Gear Up	1208
Gear Down	1726

Weather Observations

Ascended through light cirrus clouds near FL340 en route 12:21.

Light cirrus evident at FL390 approximately 35nm from SJT. West of SJT entered cloud formation for brief period 13:22.

Tops of clouds appeared to be at FL380 about 219nm from WASIX 13:28.

Tops above new waypoint found at FL370 as descended to FL330 14:25.

Returned Westerly though cloud formation and ascended to RTB above clouds 15:23.

Flight Profile

Transit to range was uneventful.

MMS maneuvers accomplished at FL480 at 12:54.

Established a line from SJT to WASIX fixes to begin run in clouds with tops near FL380 along route. Returned East along more Northerly line as defined by Theory . Decended to a FL310 for the last 144nm to East point. Reversed to West at FL330.

Ascended above clouds and began route to EFD ultimately at FL580 16:31.

Instrument Notes

HARVWV fail below 3,000'. No action per checklist.